FIG. 2A-1

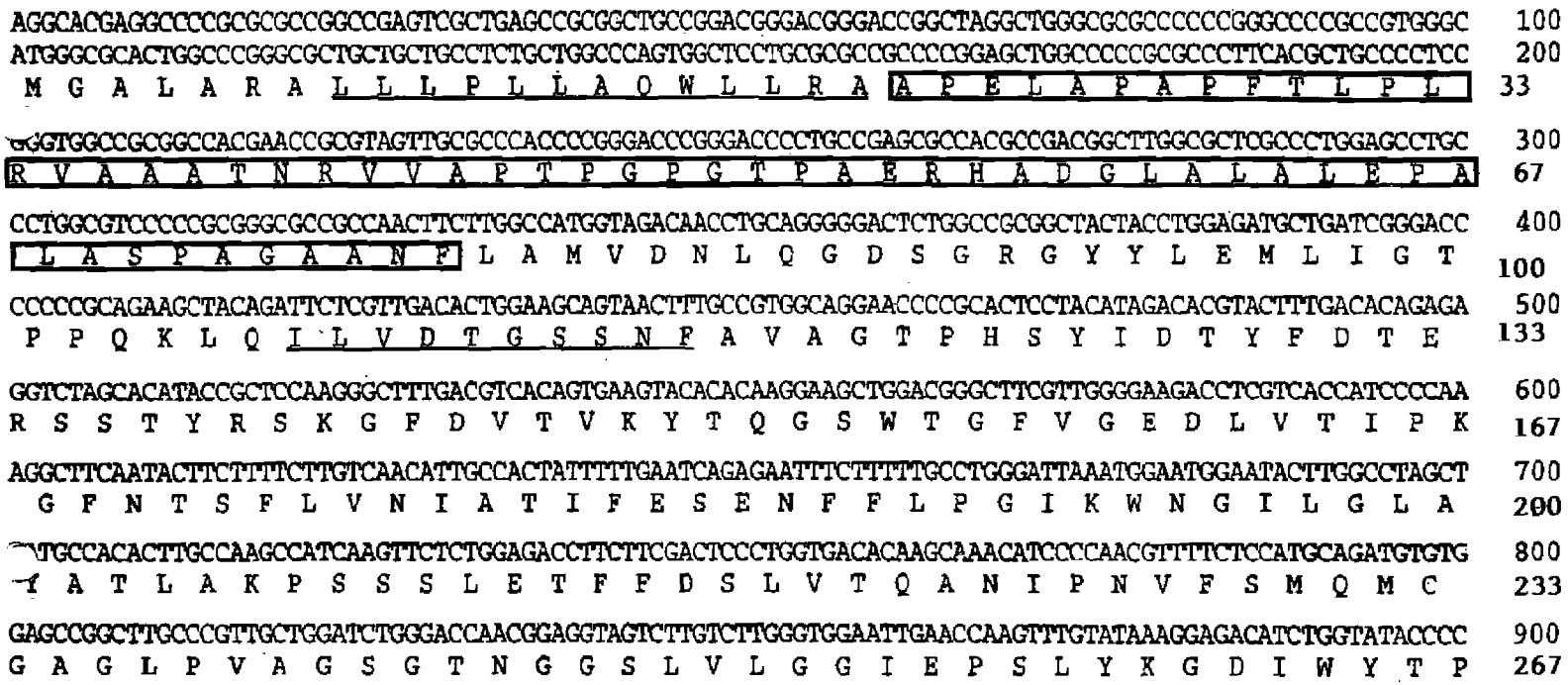

AGGCACGAGGCCCCGCGCGCCGGCCGAGTCGCTGAGCCGCGGCTGCCGGACGGGACGGGACCGGCTAGGCTGGGCGCGCCCCCCGGGCCCCGCCGTGGGC 100
ATGGGCGCACTGGCCCGGGCGCTGCTGCTGCCTCTGCTGGCCCAGTGGCTCCTGCGCGCCGCCCCCGGAGCTGGCCCCCGCGCCCTTCACGCTGCCCCTCC 200
M G A L A R A L L L P L L A Q W L L R A A P E L A P A P F T L P L 33
GGGTGGCCGCGGCCACGAACCGCGTAGTTGCGCCCACCCCGGGACCCGGGACCCCTGCCGAGCGCCACGCCGACGGCTTGGCGCTCGCCCTGGAGCCTGC 300
R V A A A T N R V V A P T P G P G T P A E R H A D G L A L A L E P A 67
CCTGGCGTCCCCCGCGGGCGCCGCCAACTTCTTGGCCATGGTAGACAACCTGCAGGGGGACTCTGGCCGCGGCTACTACCTGGAGATGCTGATCGGGACC 400
L A S P A G A A N F L A M V D N L Q G D S G R G Y Y L E M L I G T 100
CCCCCGCAGAAGCTACAGATTCTCGTTGACACTGGAAGCAGTAACTTTGCCGTGGCAGGAACCCCGCACTCCTACATAGACACGTACTTTGACACAGAGA 500
P P Q K L Q I L V D T G S S N F A V A G T P H S Y I D T Y F D T E 133
GGTCTAGCACATACCGCTCCAAGGGCTTTGACGTCACAGTGAAGTACACACAAGGAAGCTGGACGGGCTTCGTTGGGGAAGACCTCGTCACCATCCCCAA 600
R S S T Y R S K G F D V T V K Y T Q G S W T G F V G E D L V T I P K 167
AGGCTTCAATACTTCTTTTCTTGTCAACATTGCCACTATTTTTGAATCAGAGAATTTCTTTTTGCCTGGGATTAAAATGGAATGGAATACTTGGCCTAGCT 700
G F N T S F L V N I A T I F E S E N F F L P G I K W N G I L G L A 200
TGCCACACTTGCCAAGCCATCAAGTTCTCTGGAGACCTTCTTCGACTCCCTGGTGACACAAGCAAACATCCCCAACGTTTTCTCCATGCAGATGTGTG 800
A T L A K P S S S L E T F F D S L V T Q A N I P N V F S M Q M C 233
GAGCCGGCTTGCCCGTTGCTGGATCTGGGACCAACGGAGGTAGTCTTGTCTTGGGTGGAATTGAACCAAGTTTGTATAAAGGAGACATCTGGTATACCCC 900
G A G L P V A G S G T N G G S L V L G G I E P S L Y K G D I W Y T P 267

FIG. 2A-2

```
TATTAAGGAAGAGTGGTACTACCAGATAGAAATTCTGAAATTGGAAATTGGAGGCCAAAGCCTTAATCTGGACTGCAGAGAGTATAACGCAGACAAGGCC  1000
  I  K  E  E  W  Y  Y  Q  I  E  I  L  K  L  E  I  G  G  Q  S  L  N  L  D  C  R  E  Y  N  A  D  K  A   300

ATCGTGGACAGTGGCACCACGCTGCTGCGCCTGCCCCAGAAGGTGTTTGATGCGGTGGTGGAAGCTGTGGCCCGCGCATCTCTGATTCCAGAATTCTCTG  1100
 -T  V  D  S  G  T  T  L  L  R  L  P  Q  K  V  F  D  A  V  V  E  A  V  A  R  A  S  L  I  P  E  F  S   333

ATGGTTTCTGGACTGGGTCCCAGCTGGCGTGCTGGACGAATTCGGAAACACCTTGGTCTTACTTCCCTAAAATCTCCATCTACCTGAGAGATGAGAACTC  1200
 D  G  F  W  T  G  S  Q  L  A  C  W  T  N  S  E  T  P  W  S  Y  F  P  K  I  S  I  Y  L  R  D  E  N  S   367

CAGCAGGTCATTCCGTATCACAATCCTGCCTCAGCTTTACATTCAGCCCATGATGGGGGCCGGCCTGAATTATGAATGTTACCGATTCGGCATTTCCCCA  1300
  S  R  S  F  R  I  T  I  L  P  Q  L  Y  I  Q  P  M  M  G  A  G  L  N  Y  E  C  Y  R  F  G  I  S  P   400

TCCACAAATGCGCTGGTGATCGGTGCCACGGTGATGGAGGGCTTCTACGTCATCTTCGACAGAGCCCAGAAGAGGGTGGGCTTCGCAGCGAGCCCCTGTG  1400
 S  T  N  A  L  V  I  G  A  T  V  M  E  G  F  Y  V  I  F  D  R  A  Q  K  R  V  G  F  A  A  S  P  C   433

CAGAAATTGCAGGTGCTGCAGTGTCTGAAATTTCCGGGCCTTTCTCAACAGAGGATGTAGCCAGCAACTGTGTCCCCGCTCAGTCTTTGAGCGAGCCCAT  1500
A  E  I  A  G  A  A  V  S  E  I  S  G  P  F  S  T  E  D  V  A  S  N  C  V  P  A  Q  S  L  S  E  P  I   467

TTTGTGGATTGTGTCCTATGCGCTCATGAGCGTCTGTGGAGCCATCCTCCTTGTCTTAATCGTCCTGCTGCTGCTGCCGTTCCGGTGTCAGCGTCGCCCC  1600
  L  W  I  V  S  Y  A  L  M  S  V  C  G  A  I  L  L  V  L  I  V  L  L  L  L  P  F  R  C  Q  R  R  P   500

-GTGACCCTGAGGTCGTCAATGATGAGTCCTCTCTGGTCAGACATCGCTGGAAATGAATAGCCAGGCCTGACCTCAAGCAACCATGAACTCAGCTATTAA  1700
 R  D  P  E  V  V  N  D  E  S  S  L  V  R  H  R  W  K  *                                                 518

GAAAATCACATTTCCAGGGCAGCAGCCGGGATCGATGGTGGCGCTTTCTCCTGTGCCCACCCGTCTTCAATCTCTGTTCTGCTCCCAGATGCCTTCTAGA  1800
TTCACTGTCTTTTGATTCTTGATTTTCAAGCTTTCAAATCCTCCCTACTTCCAAG(A)n  1855
```

FIG. 3-1

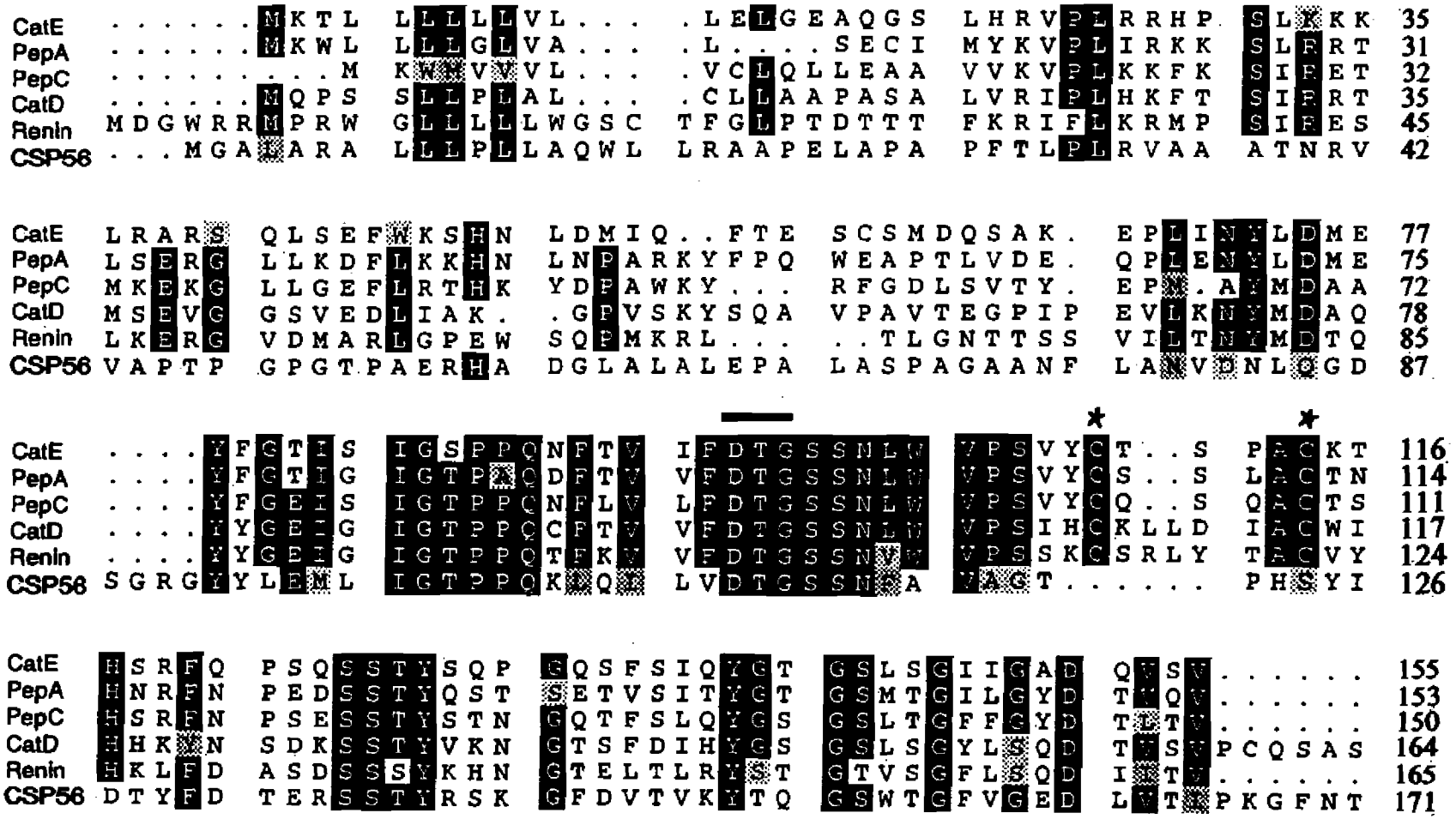


FIG. 3-2

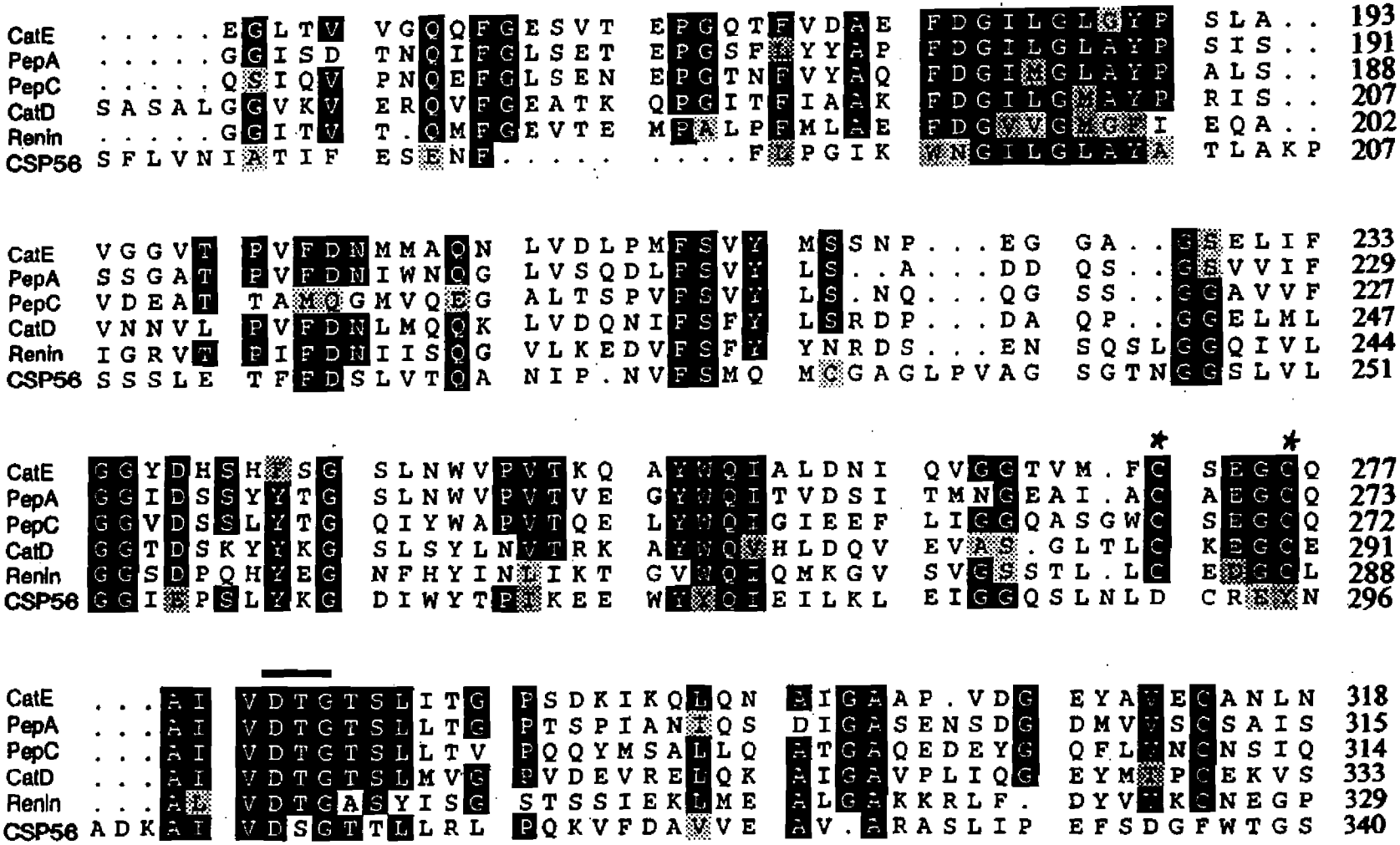
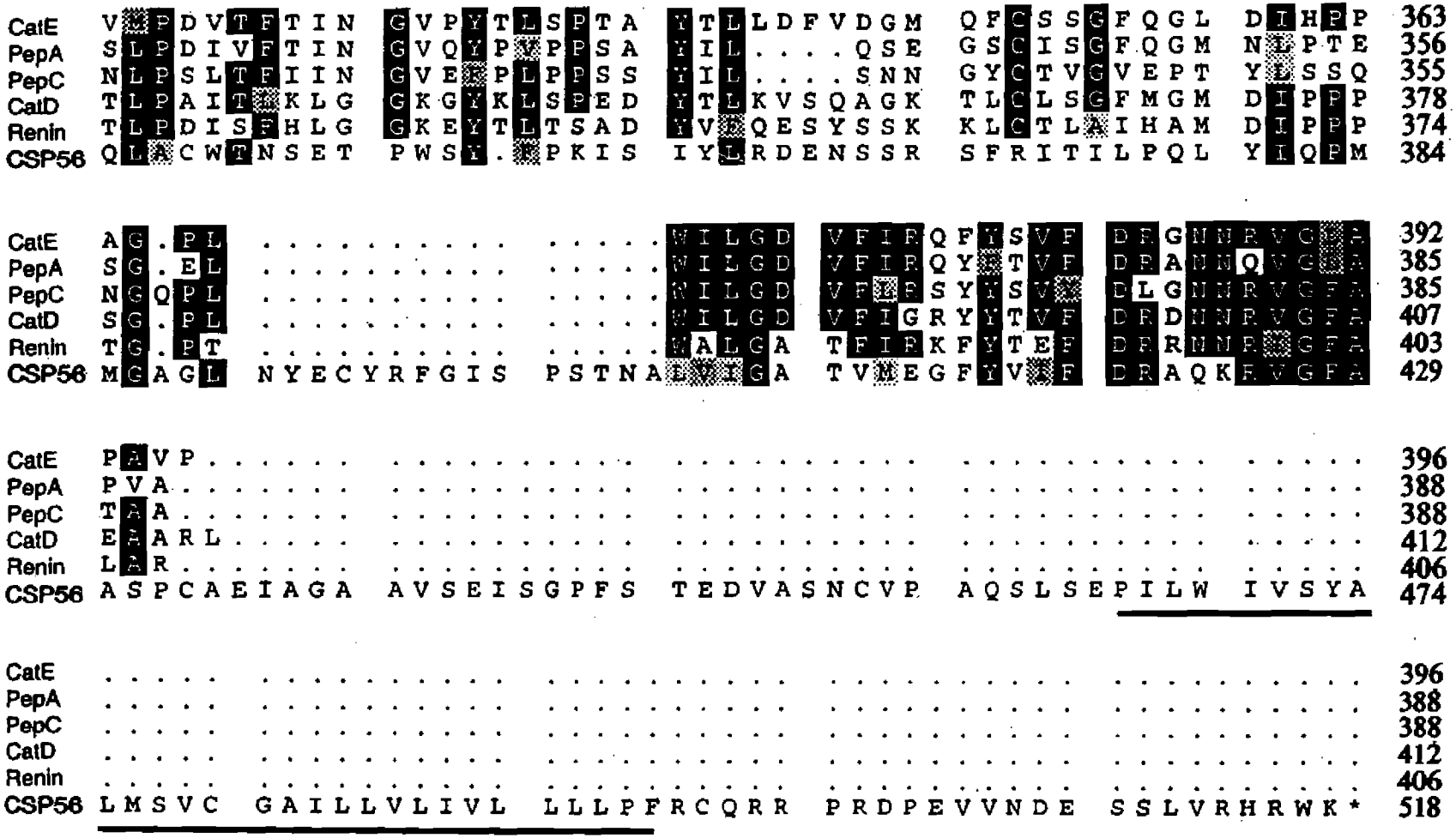


FIG. 3-3


CatE V M P D V T F T I N G V P Y T L S P T A Y T L L D F V D G M Q F C S S G F Q G L D I H P P 363
PepA S L P D I V F T I N G V Q Y P Y P P S A Y I L . . . . Q S E G S C I S G F Q G M N L P T E 356
PepC N L P S L T F I I N G V E R P L P P S S Y I L . . . . S N N G Y C T V G V E P T Y L S S Q 355
CatD T L P A I T K L G G K G Y K L S P E D Y T L K V S Q A G K T L C L S G F M G M D I P P P P 378
Renin T L P D I S F H L G G K E Y T L T S A D W V E Q E S Y S S K K L C T L A I H A M D I P P P P 374
CSP56 Q L A C W T N S E T P W S Y . W P K I S I Y L R D E N S S R S F R I T I L P Q L Y I Q P M 384
CatE A G . P L . . . . . W I L G D V F I R Q F Y S V F D F G N N R V G A 392
PepA S G . E L . . . . . W I L G D V F I R Q Y W T V F D F A N N Q V G A 385
PepC N G Q P L . . . . . W I L G D V F F P S Y Y S V K D L G N N R V G F A 385
CatD S G . P L . . . . . W I L G D V F I G R Y Y T V F D F D N N R V G F A 407
Renin T G . P T . . . . . W A L G A T F I F K F Y T E F D F R N N R K G F A 403
CSP56 M G A G L N Y E C Y R F G I S P S T N A L W I G A T V M E G F Y V K F D R A Q K F V G F A 429
CatE P A V P 396
PepA P V A 388
PepC T A A 388
CatD E A A R L 412
Renin L A R 406
CSP56 A S P C A E I A G A A V S E I S G P F S T E D V A S N C V P A Q S L S E P I L W I V S Y A 474
CatE 396
PepA 388
PepC 388
CatD 412
Renin 406
CSP56 L M S V C G A I L L V L I V L L L P F R C Q R R P R D P E V V N D E S S L V R H R W K * 518